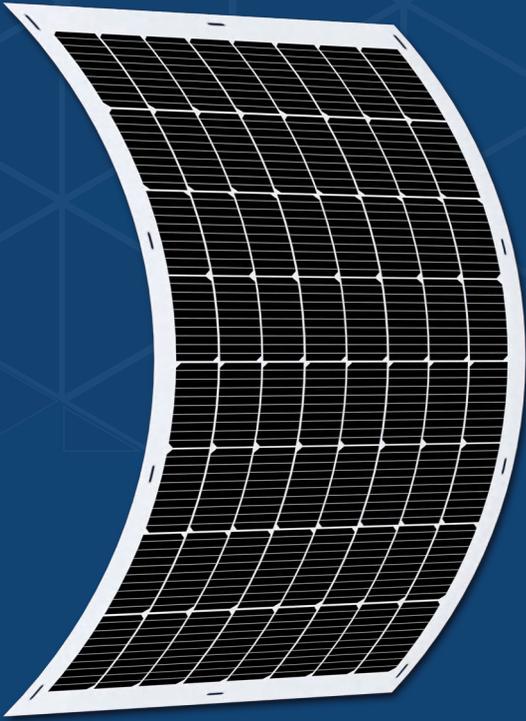


ALILY
ENERGY

AL-SC200



POWER OUTPUT RANGE

POWER TOLERANCE

POWER OUTPUT RANGE 200W

POWER TOLERANCE 0-5W

5 Year Product Warranty



www.alilyenergy.com



ULTRA-LIGHT & FLEXIBLE SOLAR PANEL

ALILY
ENERGY

200 Watt

72 Half Cell Monocrystalline Module



Low-weight: Glass free module weighs 2.9 kg, 70% lighter than conventional glass modules.



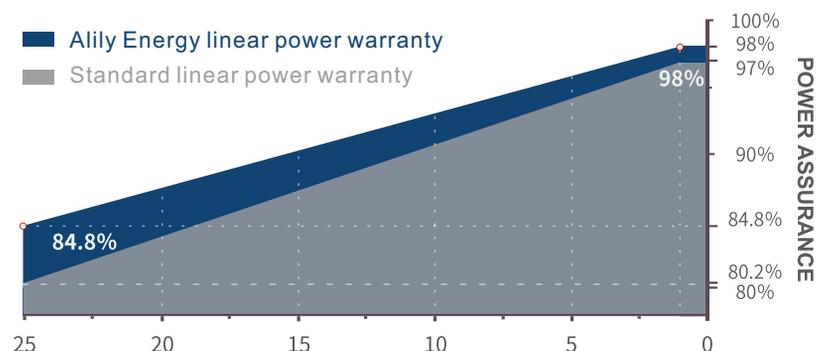
Aesthetic: Seamless integration with underlying installations surface.



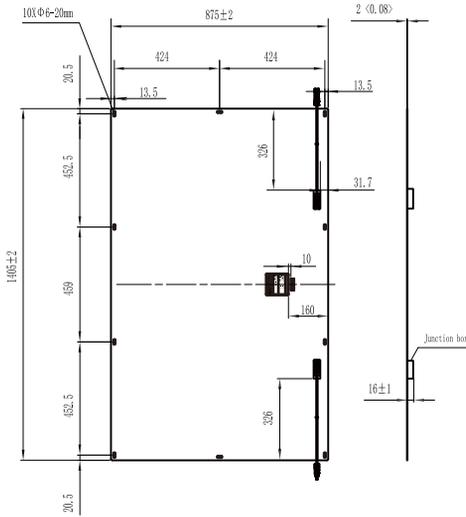
Durability: Alily Energy is the first glassless module to pass the same durability tests as conventional glass modules, including IEC61215:2016, IEC61730:2016 and UL61730(USA). Alily Energy has also passed PID, salt mist and ammonia corrosion tests.

LINEAR PERFORMANCE WARRANTY

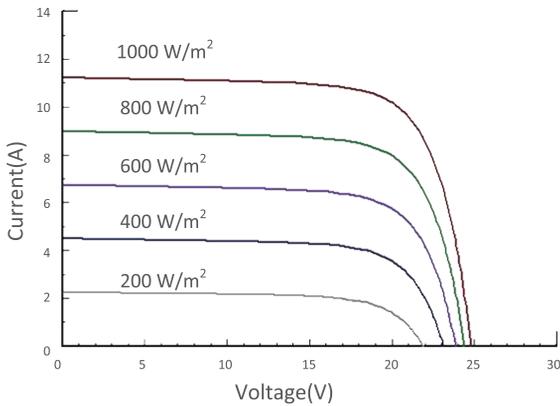
Note: Please read the safety and installation instructions before using this product
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DIMENSIONS



I-V CURVE (200)



TEMPERATURE CHARACTERISTICS

Nominal Module Operating Temperature(NMOT)	41±2°C
Temperature Coefficient of Pmax	-0.34 %/°C
Temperature Coefficient of VOC	-0.26 %/°C
Temperature Coefficient of LSC	0.033 %/°C



ELECTRICAL CHARACTERISTICS

STC

AL-SC200

Maximum Power (Pmax)	200
Maximum Power Voltage (Vmp)	21.2
Maximum Power Current (Imp)	10.71
Open-circuit Voltage (Voc)	24.8
Short-circuit Current (Isc)	11.23
Module Efficiency (%)	16.2
Operating Temperature	-40°C to 85°C
Maximum System Voltage	1500 V DC (IEC)
Maximum Series Fuse Rating	25A
Application Class	Class A
Power Tolerance	0/+5 W

STC: Irradiance 1000W/m², Cell temperature 25 C, AM=1.5.

Tolerances of Pmax, Voc and Isc are within ±5%

NMOT

AL-SC200

Maximum Power (Pmax)	162.3
Maximum Power Voltage (Vmp)	20.2
Maximum Power Current (Imp)	8.04
Open-circuit Voltage (Voc)	24.7
Short-circuit Current (Isc)	8.98

NMOT: Irradiance 800W/m², Ambient temperature 20 C, AM=1.5, Wind speed 1 m/s.

MECHANICAL CHARACTERISTICS

Solar Cell	Monocrystalline silicon(166mm half cell)
No. of Cells	72 (8x9)
Module Dimensions	1405x875x2 mm
Weight	2.9kg
Backsheet	cell side White
Frame	Frameless
J-box	IP 68 rated
Output Cables	Photovoltaic technology cable 4.0 mm 2, (+)450 / (-)450 mm
Connector	MC4 compatible

PACKAGING CONFIGURATION

	20'GP	40'HC
Module per pallet	66	66
Pieces per container	726	1848